

Tuesday, June 19, 2012

Attn: Mr. Mike Susca Leggette, Brashears & Graham 6 Executive Drive Farmington CT 06030

Project ID: DELL

Sample ID#s: BB78079 - BB78099

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. All soils and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

Enclosed are revised Analysis Report pages. Please replace and discard the original pages. If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller

Laboratory Director

NELAC - #NY11301 CT Lab Registration #PH-0618 MA Lab Registration #MA-CT-007 ME Lab Registration #CT-007 NH Lab Registration #213693-A,B NJ Lab Registration #CT-003 NY Lab Registration #11301 PA Lab Registration #68-03530 RI Lab Registration #63 VT Lab Registration #VT11301



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

June 19, 2012

FOR: Attn: Mr. Mike Susca

Leggette, Brashears & Graham

6 Executive Drive Farmington CT 06030

Sample Information

Matrix: **SOLID**

Location Code: LBG-FARM Standard

P.O.#:

Custody Information Collected by:

Laboratory Data

SW

04/26/12

Date

Time 13:13

Received by: Analyzed by:

04/27/12

14:34

Rush Request:

see "By" below

SDG ID: GBB78079

Phoenix ID: BB78079

DELL Project ID: 7C 6-7 Client ID:

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	95		%	05/10/12		JL	E160.3
Extraction for PCB	Completed			05/12/12		MQ/XD	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	350	ug/Kg	05/16/12		MH	3540C/8082
PCB-1221	ND	350	ug/Kg	05/16/12		MH	3540C/8082
PCB-1232	ND	350	ug/Kg	05/16/12		MH	3540C/8082
PCB-1242	ND	350	ug/Kg	05/16/12		MH	3540C/8082
PCB-1248	ND	350	ug/Kg	05/16/12		MH	3540C/8082
PCB-1254	ND	350	ug/Kg	05/16/12		MH	3540C/8082
PCB-1260	ND	350	ug/Kg	05/16/12		MH	3540C/8082
PCB-1262	ND	350	ug/Kg	05/16/12		MH	3540C/8082
PCB-1268	ND	350	ug/Kg	05/16/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	97		%	05/16/12		MH	30 - 150 %
% TCMX	92		%	05/16/12		MH	30 - 150 %

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Client ID: 7C 6-7

Parameter Result RL Units Date Time By Reference

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis/Shiller, Laboratory Director

June 19, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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Analysis Report

June 19, 2012

FOR: Attn: Mr. Mike Susca

Leggette, Brashears & Graham

6 Executive Drive Farmington CT 06030

Sample Information

Matrix: **SOLID**

Location Code: LBG-FARM

Rush Request: Standard

P.O.#:

Custody Information

Collected by: Received by:

Analyzed by:

SW

04/26/12

Date

13:14

04/27/12

14:34

Time

see "By" below

Laboratory Data

SDG ID: GBB78079 Phoenix ID: BB78080

DELL Project ID: 7C 7-8 Client ID:

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	90		%	04/30/12		JL	E160.3
Soxhlet Extraction for PCB	Completed			04/27/12		*/*	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	360	ug/Kg	05/01/12		МН	3540C/8082
PCB-1221	ND	360	ug/Kg	05/01/12		MH	3540C/8082
PCB-1232	ND	360	ug/Kg	05/01/12		MH	3540C/8082
PCB-1242	ND	360	ug/Kg	05/01/12		MH	3540C/8082
PCB-1248	ND	360	ug/Kg	05/01/12		MH	3540C/8082
PCB-1254	ND	360	ug/Kg	05/01/12		MH	3540C/8082
PCB-1260	ND	360	ug/Kg	05/01/12		MH	3540C/8082
PCB-1262	ND	360	ug/Kg	05/01/12		MH	3540C/8082
PCB-1268	ND	360	ug/Kg	05/01/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	106		%	05/01/12		MH	30 - 150 %
% TCMX	100		%	05/01/12		MH	30 - 150 %

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Client ID: 7C 7-8

Parameter Result RL Units Date Time By Reference

Comments:

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Analysis Report

June 19, 2012

FOR: Attn: Mr. Mike Susca

Leggette, Brashears & Graham

6 Executive Drive Farmington CT 06030

Sample InformationCustody InformationDateTimeMatrix:SOLIDCollected by:04/26/1213:27

Location Code: LBG-FARM Received by: SW 04/27/12 14:34

Rush Request: Standard Analyzed by: see "By" below

Laboratory Data SDG ID: GBB78079

Phoenix ID: BB78081

Project ID: DELL
Client ID: 2D 4-5

P.O.#:

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	89		%	05/10/12		JL	E160.3
Extraction of CT ETPH	Completed			05/10/12		BS/F	3545
Extraction for PCB	Completed			06/06/12		BQ/K	SW3540C
SPLP ETPH Extraction	Completed			06/07/12		F/D	SW 3510/3520
SPLP Extraction for Organics	Completed			06/06/12		Χ	EPA1312
TPH by GC (Extractable Pro	oducts)						
Ext. Petroleum HC	4900	110	mg/Kg	05/15/12		JRB	CT ETPH/8015
Identification	**		mg/Kg	05/15/12		JRB	CT ETPH/8015
OA/QC Surrogates							
% n-Pentacosane	Diluted Out		%	05/15/12		JRB	50 - 150 %
PCB (Soxhlet)							
PCB-1016	ND	370	ug/Kg	06/07/12		МН	3540C/8082
PCB-1221	ND	370	ug/Kg	06/07/12		MH	3540C/8082
PCB-1232	ND	370	ug/Kg	06/07/12		MH	3540C/8082
PCB-1242	ND	370	ug/Kg	06/07/12		MH	3540C/8082
PCB-1248	ND	370	ug/Kg	06/07/12		MH	3540C/8082
PCB-1254	ND	370	ug/Kg	06/07/12		MH	3540C/8082
PCB-1260	ND	370	ug/Kg	06/07/12		MH	3540C/8082
PCB-1262	ND	370	ug/Kg	06/07/12		MH	3540C/8082
PCB-1268	ND	370	ug/Kg	06/07/12		MH	3540C/8082
OA/OC Surrogates							
% DCBP	87		%	06/07/12		MH	30 - 150 %
% TCMX	69		%	06/07/12		MH	30 - 150 %
SPLP TPH by GC (Ext. Proc	ducts)						
Ext. Petroleum HC	ND	0.1	mg/L	06/08/12		JRB	CT ETPH
Identification	ND		mg/L	06/08/12		JRB	CT ETPH

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Client ID: 2D 4-5

Parameter	Result	RL	Units	Date	Time	Ву	Reference
OA/OC Surrogates % n-Pentacosane	94		%	06/08/12		JRB	50 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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June 19, 2012

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^{**}Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but contains a distribution in the C9 to C36 range. The sample was quantitated against a C9-C36 standard.



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Analysis Report

June 19, 2012

FOR: Attn: Mr. Mike Susca

Leggette, Brashears & Graham

6 Executive Drive Farmington CT 06030

Sample Information

Matrix: **SOLID**

Location Code: LBG-FARM

Rush Request: Standard

P.O.#:

Custody Information

Received by:

Collected by:

SW

04/26/12 04/27/12

13:32

Phoenix ID: BB78082

Date

14:34

Time

Analyzed by: see "By" below

Laboratory Data

SDG ID: GBB78079

DELL Project ID: 2D 5-6 Client ID:

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	88		%	04/30/12		JL	E160.3
Extraction of CT ETPH	Completed			05/10/12		BS/F	3545
Soxhlet Extraction for PCB	Completed			04/27/12		*/*	SW3540C
TPH by GC (Extractable F	<u>Products)</u>						
Ext. Petroleum HC	4700	220	mg/Kg	05/15/12		JRB	CT ETPH/8015
Identification	**		mg/Kg	05/15/12		JRB	CT ETPH/8015
QA/QC Surrogates							
% n-Pentacosane	Diluted Out		%	05/15/12		JRB	50 - 150 %
PCB (Soxhlet)							
PCB-1016	ND	370	ug/Kg	05/01/12		МН	3540C/8082
PCB-1221	ND	370	ug/Kg	05/01/12		MH	3540C/8082
PCB-1232	ND	370	ug/Kg	05/01/12		MH	3540C/8082
PCB-1242	ND	370	ug/Kg	05/01/12		MH	3540C/8082
PCB-1248	ND	370	ug/Kg	05/01/12		MH	3540C/8082
PCB-1254	500	370	ug/Kg	05/01/12		MH	3540C/8082
PCB-1260	ND	370	ug/Kg	05/01/12		MH	3540C/8082
PCB-1262	ND	370	ug/Kg	05/01/12		MH	3540C/8082
PCB-1268	ND	370	ug/Kg	05/01/12		MH	3540C/8082
OA/QC Surrogates							
% DCBP	75		%	05/01/12		MH	30 - 150 %
% TCMX	72		%	05/01/12		MH	30 - 150 %

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Client ID: 2D 5-6

Parameter Result RL Units Date Time By Reference

Comments:

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but contains a distribution in the C9 to C36 range. The sample was quantitated against a C9-C36 standard.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis/Shiller, Laboratory Director

June 19, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

June 19, 2012

FOR: Attn: Mr. Mike Susca

Leggette, Brashears & Graham

6 Executive Drive Farmington CT 06030

Sample Information Custody Information Matrix: Collected by:

SOLID LBG-FARM

Rush Request: Standard

P.O.#:

Location Code:

Received by: SW 04/27/12 14:34 Analyzed by:

see "By" below

Laboratory Data

SDG ID: GBB78079

Time

13:33

Phoenix ID: BB78083

Date

04/26/12

DELL Project ID: 2D 6-7 Client ID:

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	92		%	05/10/12		JL	E160.3
Extraction of CT ETPH	Completed			05/10/12		BS/F	3545
Extraction for PCB	Completed			05/12/12		MQ/XD	SW3540C
TPH by GC (Extractable	Products)						
Ext. Petroleum HC	ND	11	mg/Kg	05/11/12		JRB	CT ETPH/8015
Identification	ND		mg/Kg	05/11/12		JRB	CT ETPH/8015
QA/QC Surrogates							
% n-Pentacosane	78		%	05/11/12		JRB	50 - 150 %
PCB (Soxhlet)							
PCB-1016	ND	350	ug/Kg	05/15/12		MH	3540C/8082
PCB-1221	ND	350	ug/Kg	05/15/12		MH	3540C/8082
PCB-1232	ND	350	ug/Kg	05/15/12		MH	3540C/8082
PCB-1242	ND	350	ug/Kg	05/15/12		MH	3540C/8082
PCB-1248	ND	350	ug/Kg	05/15/12		MH	3540C/8082
PCB-1254	ND	350	ug/Kg	05/15/12		MH	3540C/8082
PCB-1260	ND	350	ug/Kg	05/15/12		MH	3540C/8082
PCB-1262	ND	350	ug/Kg	05/15/12		MH	3540C/8082
PCB-1268	ND	350	ug/Kg	05/15/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	103		%	05/15/12		MH	30 - 150 %
% TCMX	85		%	05/15/12		MH	30 - 150 %

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Client ID: 2D 6-7

Parameter Result RL Units Date Time By Reference

Comments:

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Phyllis/Shiller, Laboratory Director

June 19, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

June 19, 2012

FOR: Attn: Mr. Mike Susca

Leggette, Brashears & Graham

6 Executive Drive Farmington CT 06030

see "By" below

Sample Information

Matrix: **SOLID**

Location Code: LBG-FARM Standard

Rush Request:

P.O.#:

Custody Information

Collected by: Received by:

Analyzed by:

SW

Date 04/26/12

Time 13:34

04/27/12

14:34

Laboratory Data

SDG ID: GBB78079 Phoenix ID: BB78084

DELL Project ID: 2D 7-8 Client ID:

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	92		%	04/30/12		JL	E160.3
Soxhlet Extraction for PCB	Completed			04/27/12		*/*	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	350	ug/Kg	05/01/12		МН	3540C/8082
PCB-1221	ND	350	ug/Kg	05/01/12		MH	3540C/8082
PCB-1232	ND	350	ug/Kg	05/01/12		MH	3540C/8082
PCB-1242	ND	350	ug/Kg	05/01/12		MH	3540C/8082
PCB-1248	ND	350	ug/Kg	05/01/12		MH	3540C/8082
PCB-1254	660	350	ug/Kg	05/01/12		MH	3540C/8082
PCB-1260	ND	350	ug/Kg	05/01/12		MH	3540C/8082
PCB-1262	ND	350	ug/Kg	05/01/12		MH	3540C/8082
PCB-1268	ND	350	ug/Kg	05/01/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	93		%	05/01/12		MH	30 - 150 %
% TCMX	96		%	05/01/12		MH	30 - 150 %

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Client ID: 2D 7-8

Parameter Result RL Units Date Time By Reference

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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June 19, 2012

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Analysis Report

June 19, 2012

FOR: Attn: Mr. Mike Susca

Leggette, Brashears & Graham

6 Executive Drive Farmington CT 06030

Sample Information

Matrix: **SOLID**

Location Code: LBG-FARM Standard

Rush Request:

P.O.#:

Custody Information

Collected by: Received by:

Analyzed by:

SW

04/26/12 04/27/12

13:39 14:34

Time

Date

see "By" below

Laboratory Data

SDG ID: GBB78079 Phoenix ID: BB78085

Project ID: Client ID:

3D 0.25-0.5

DELL

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	96		%	04/30/12		JL	E160.3
Soxhlet Extraction for PCB	Completed			04/27/12		*/*	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	340	ug/Kg	05/01/12		МН	3540C/8082
PCB-1221	ND	340	ug/Kg	05/01/12		MH	3540C/8082
PCB-1232	ND	340	ug/Kg	05/01/12		MH	3540C/8082
PCB-1242	ND	340	ug/Kg	05/01/12		MH	3540C/8082
PCB-1248	ND	340	ug/Kg	05/01/12		MH	3540C/8082
PCB-1254	ND	340	ug/Kg	05/01/12		MH	3540C/8082
PCB-1260	ND	340	ug/Kg	05/01/12		MH	3540C/8082
PCB-1262	ND	340	ug/Kg	05/01/12		MH	3540C/8082
PCB-1268	ND	340	ug/Kg	05/01/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	90		%	05/01/12		MH	30 - 150 %
% TCMX	77		%	05/01/12		MH	30 - 150 %

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Client ID: 3D 0.25-0.5

Parameter Result RL Units Date Time By Reference

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

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June 19, 2012

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Analysis Report

June 19, 2012

FOR: Attn: Mr. Mike Susca

Leggette, Brashears & Graham

6 Executive Drive Farmington CT 06030

Sample Information

Matrix: **SOLID**

Location Code: LBG-FARM Standard

Rush Request:

P.O.#:

Custody Information

Collected by:

Received by:

Analyzed by:

SW

04/26/12

Date

Time 13:40

04/27/12

14:34

see "By" below

Laboratory Data

SDG ID: GBB78079

Phoenix ID: BB78086

Project ID:

DELL

Client ID:

3D 0.5-0.75

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	93		%	04/30/12		JL	E160.3
Soxhlet Extraction for PCB	Completed			04/27/12		*/*	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	350	ug/Kg	05/08/12		МН	3540C/8082
PCB-1221	ND	350	ug/Kg	05/08/12		MH	3540C/8082
PCB-1232	ND	350	ug/Kg	05/08/12		MH	3540C/8082
PCB-1242	ND	350	ug/Kg	05/08/12		MH	3540C/8082
PCB-1248	ND	350	ug/Kg	05/08/12		MH	3540C/8082
PCB-1254	ND	350	ug/Kg	05/08/12		MH	3540C/8082
PCB-1260	ND	350	ug/Kg	05/08/12		MH	3540C/8082
PCB-1262	ND	350	ug/Kg	05/08/12		MH	3540C/8082
PCB-1268	ND	350	ug/Kg	05/08/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	106		%	05/08/12		MH	30 - 150 %
% TCMX	87		%	05/08/12		МН	30 - 150 %

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Client ID: 3D 0.5-0.75

Parameter Result RL Units Date Time By Reference

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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June 19, 2012

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Analysis Report

June 19, 2012

FOR: Attn: Mr. Mike Susca

Leggette, Brashears & Graham

6 Executive Drive Farmington CT 06030

Sample Information

SOLID

Location Code:

LBG-FARM Standard

Rush Request:

P.O.#:

Matrix:

Custody Information

Collected by:

Received by:

Analyzed by:

SW

04/26/12

04/27/12

Date

13:41 14:34

Time

see "By" below

aboratory Data

SDG ID: GBB78079 Phoenix ID: BB78087

DELL Project ID: 3D 1-2 Client ID:

Parameter

Result

RL Units Date

Time

By

Reference

On Hold

Pending

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200. ND=Not detected BDL=Below Detection Level RL=Reporting Level

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June 19, 2012

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Analysis Report

June 19, 2012

FOR: Attn: Mr. Mike Susca

Leggette, Brashears & Graham

6 Executive Drive Farmington CT 06030

<u>Sample Information</u> <u>Custody Information</u> <u>Date</u> <u>Time</u>

Matrix: SOLID Collected by: 04/26/12 13:42

Matrix: SOLID Collected by: 04/26/12 13:42 Location Code: LBG-FARM Received by: SW 04/27/12 14:34

Rush Request: Standard Analyzed by: see "By" below

P.O.#: SDG ID: GBB78079

Phoenix ID: BB78088

Project ID: DELL
Client ID: 3D 4-5

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	92		%	05/10/12		JL	E160.3
Extraction of CT ETPH	Completed			05/10/12		BS/F	3545
Extraction for PCB	Completed			06/06/12		BQ/K	SW3540C
SPLP ETPH Extraction	Completed			06/14/12		F/D	SW 3510/3520
SPLP Extraction for Organics	Completed			06/13/12		Х	EPA1312
TPH by GC (Extractable Prod	ducts)						
Ext. Petroleum HC	14000	540	mg/Kg	05/15/12		JRB	CT ETPH/8015
Identification	**		mg/Kg	05/15/12		JRB	CT ETPH/8015
OA/OC Surrogates			0 0				
% n-Pentacosane	Diluted Out		%	05/15/12		JRB	50 - 150 %
PCB (Soxhlet)							
PCB-1016	ND	360	ug/Kg	06/07/12		МН	3540C/8082
PCB-1221	ND	360	ug/Kg	06/07/12		MH	3540C/8082
PCB-1232	ND	360	ug/Kg	06/07/12		MH	3540C/8082
PCB-1242	ND	360	ug/Kg	06/07/12		MH	3540C/8082
PCB-1248	ND	360	ug/Kg	06/07/12		MH	3540C/8082
PCB-1254	1400	360	ug/Kg	06/07/12		MH	3540C/8082
PCB-1260	ND	360	ug/Kg	06/07/12		MH	3540C/8082
PCB-1262	ND	360	ug/Kg	06/07/12		MH	3540C/8082
PCB-1268	ND	360	ug/Kg	06/07/12		MH	3540C/8082
OA/QC Surrogates							
% DCBP	83		%	06/07/12		MH	30 - 150 %
% TCMX	64		%	06/07/12		MH	30 - 150 %
SPLP TPH by GC (Ext. Produ	<u>ucts)</u>						
Ext. Petroleum HC	660	0.1	mg/L	06/15/12		JRB	CT ETPH
Identification	***		mg/L	06/15/12		JRB	CT ETPH

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Client ID: 3D 4-5

Parameter	Result	RL	Units	Date	Time	Ву	Reference
OA/OC Surrogates % n-Pentacosane	97		%	06/15/12		JRB	50 - 150 %

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis/Shiller, Laboratory Director

June 19, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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^{**}Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but contains a distribution in the C9 to C36 range. The sample was quantitated against a C9-C36 standard.

^{***}Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but contains a distribution in the C9 to C24 range. The sample was quantitated against a C9-C36 standard.



587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

June 19, 2012

FOR: Attn: Mr. Mike Susca

Leggette, Brashears & Graham

6 Executive Drive Farmington CT 06030

Sample Information

SOLID

Location Code: LBG-FARM

Rush Request: Standard

P.O.#:

Matrix:

Custody Information

Date

Time

Collected by: Received by:

SW

04/26/12 04/27/12 14:00 14:34

see "By" below

Laboratory Data

Analyzed by:

SDG ID: GBB78079

Phoenix ID: BB78089

DELL Project ID: 3D 5-6 Client ID:

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid Extraction of CT ETPH Soxhlet Extraction for PCB	86 Completed Completed		%	04/30/12 05/10/12 04/27/12		JL BS/F */*	E160.3 3545 SW3540C
TPH by GC (Extractable Prod	·						
Ext. Petroleum HC Identification QA/QC Surrogates	2600 **	56	mg/Kg mg/Kg	05/15/12 05/15/12		JRB JRB	CT ETPH/8015 CT ETPH/8015
% n-Pentacosane	Diluted Out		%	05/15/12		JRB	50 - 150 %
PCB (Soxhlet)							
PCB-1016	ND	380	ug/Kg	05/01/12		МН	3540C/8082
PCB-1221	ND	380	ug/Kg	05/01/12		MH	3540C/8082
PCB-1232	ND	380	ug/Kg	05/01/12		MH	3540C/8082
PCB-1242	ND	380	ug/Kg	05/01/12		MH	3540C/8082
PCB-1248	ND	380	ug/Kg	05/01/12		MH	3540C/8082
PCB-1254	ND	380	ug/Kg	05/01/12		MH	3540C/8082
PCB-1260	ND	380	ug/Kg	05/01/12		MH	3540C/8082
PCB-1262	ND	380	ug/Kg	05/01/12		MH	3540C/8082
PCB-1268	ND	380	ug/Kg	05/01/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	77		%	05/01/12		MH	30 - 150 %
% TCMX	80		%	05/01/12		МН	30 - 150 %

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Client ID: 3D 5-6

Parameter Result RL Units Date Time By Reference

Comments:

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but contains a distribution in the C9 to C36 range. The sample was quantitated against a C9-C36 standard.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis/Shiller, Laboratory Director

June 19, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

June 19, 2012

FOR: Attn: Mr. Mike Susca

Leggette, Brashears & Graham

6 Executive Drive Farmington CT 06030

see "By" below

Sample Information

Matrix: **SOLID**

Location Code: LBG-FARM Standard

Rush Request:

P.O.#:

Custody Information

Laboratory Data

Collected by:

Analyzed by:

Received by: SW 04/26/12

14:01

04/27/12

Date

14:34

Time

SDG ID: GBB78079 Phoenix ID: BB78090

DELL Project ID: 3D 6-7 Client ID:

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid Extraction for PCB	94 Completed		%	05/10/12 05/12/12		JL MQ/D	E160.3 SW3540C
PCB (Soxhlet)	·						
PCB-1016	ND	340	ug/Kg	05/16/12		MH	3540C/8082
PCB-1221	ND	340	ug/Kg	05/16/12		MH	3540C/8082
PCB-1232	ND	340	ug/Kg	05/16/12		MH	3540C/8082
PCB-1242	ND	340	ug/Kg	05/16/12		MH	3540C/8082
PCB-1248	ND	340	ug/Kg	05/16/12		MH	3540C/8082
PCB-1254	990	340	ug/Kg	05/16/12		MH	3540C/8082
PCB-1260	ND	340	ug/Kg	05/16/12		MH	3540C/8082
PCB-1262	ND	340	ug/Kg	05/16/12		MH	3540C/8082
PCB-1268	ND	340	ug/Kg	05/16/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	83		%	05/16/12		MH	30 - 150 %
% TCMX	75		%	05/16/12		MH	30 - 150 %

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Client ID: 3D 6-7

Parameter Result RL Units Date Time By Reference

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

All soils and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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June 19, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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Analysis Report

June 19, 2012

FOR: Attn: Mr. Mike Susca

Leggette, Brashears & Graham

6 Executive Drive Farmington CT 06030

Sample Information

Matrix: SOLID

Location Code: LBG-FARM

Rush Request: Standard

P.O.#:

<u>Custody Information</u>

Collected by: Received by:

Analyzed by:

SW

04/26/12

Date

<u>Time</u> 14:02

04/27/12

14:34

I

see "By" below

Laboratory Data

SDG ID: GBB78079 Phoenix ID: BB78091

Project ID: DELL
Client ID: 3D 7-8

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	89		%	04/30/12		JL	E160.3
Soxhlet Extraction for PCB	Completed			04/27/12		*/*	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	370	ug/Kg	05/01/12		МН	3540C/8082
PCB-1221	ND	370	ug/Kg	05/01/12		MH	3540C/8082
PCB-1232	ND	370	ug/Kg	05/01/12		MH	3540C/8082
PCB-1242	ND	370	ug/Kg	05/01/12		MH	3540C/8082
PCB-1248	ND	370	ug/Kg	05/01/12		MH	3540C/8082
PCB-1254	380	370	ug/Kg	05/01/12		MH	3540C/8082
PCB-1260	ND	370	ug/Kg	05/01/12		MH	3540C/8082
PCB-1262	ND	370	ug/Kg	05/01/12		MH	3540C/8082
PCB-1268	ND	370	ug/Kg	05/01/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	67		%	05/01/12		MH	30 - 150 %
% TCMX	66		%	05/01/12		MH	30 - 150 %

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Client ID: 3D 7-8

Parameter Result RL Units Date Time By Reference

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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June 19, 2012

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Analysis Report

June 19, 2012

FOR: Attn: Mr. Mike Susca

Leggette, Brashears & Graham

6 Executive Drive Farmington CT 06030

Sample Information

Matrix: SOLID

Location Code: LBG-FARM

Rush Request: Standard

P.O.#:

Custody Information

Collected by:

Received by:

SW

04/26/12

14:13

04/27/12

Date

14:34

Time

Analyzed by: see "By" below

Laboratory Data

SDG ID: GBB78079

Phoenix ID: BB78092

Project ID: DELL
Client ID: 3E 4-5

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid Extraction of CT ETPH Extraction for PCB	91 Completed Completed		%	05/10/12 05/10/12 05/12/12		JL BS/F MQ/D	E160.3 3545 SW3540C
TPH by GC (Extractable	e Products)						
Ext. Petroleum HC	1200	21	mg/Kg	05/15/12		JRB	CT ETPH/8015
Identification	**		mg/Kg	05/15/12		JRB	CT ETPH/8015
QA/QC Surrogates							
% n-Pentacosane	116		%	05/15/12		JRB	50 - 150 %
PCB (Soxhlet)							
PCB-1016	ND	360	ug/Kg	05/15/12		МН	3540C/8082
PCB-1221	ND	360	ug/Kg	05/15/12		MH	3540C/8082
PCB-1232	ND	360	ug/Kg	05/15/12		MH	3540C/8082
PCB-1242	ND	360	ug/Kg	05/15/12		MH	3540C/8082
PCB-1248	ND	360	ug/Kg	05/15/12		MH	3540C/8082
PCB-1254	ND	360	ug/Kg	05/15/12		MH	3540C/8082
PCB-1260	ND	360	ug/Kg	05/15/12		MH	3540C/8082
PCB-1262	ND	360	ug/Kg	05/15/12		MH	3540C/8082
PCB-1268	ND	360	ug/Kg	05/15/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	98		%	05/15/12		MH	30 - 150 %
% TCMX	87		%	05/15/12		MH	30 - 150 %

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Client ID: 3E 4-5

Parameter Result RL Units Date Time By Reference

Comments:

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but contains a distribution in the C10 to C36 range. The sample was quantitated against a C9-C36 standard.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis/Shiller, Laboratory Director

June 19, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

June 19, 2012

FOR: Attn: Mr. Mike Susca

Leggette, Brashears & Graham

6 Executive Drive Farmington CT 06030

Sample Information

Matrix: **SOLID**

Location Code: LBG-FARM Standard

Rush Request:

P.O.#:

Custody Information

Collected by: Received by:

Analyzed by:

SW

04/26/12

14:23

04/27/12

Date

14:34

Time

see "By" below

Laboratory Data

SDG ID: GBB78079

Phoenix ID: BB78093

DELL Project ID: 3E 5-6 Client ID:

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	92		%	04/30/12		JL	E160.3
Extraction of CT ETPH	Completed			05/10/12		BS/F	3545
Soxhlet Extraction for PCB	Completed			04/27/12		*/*	SW3540C
TPH by GC (Extractable P	<u>roducts)</u>						
Ext. Petroleum HC	1300	22	mg/Kg	05/11/12		JRB	CT ETPH/8015
Identification	**		mg/Kg	05/11/12		JRB	CT ETPH/8015
QA/QC Surrogates							
% n-Pentacosane	125		%	05/11/12		JRB	50 - 150 %
PCB (Soxhlet)							
PCB-1016	ND	350	ug/Kg	05/01/12		МН	3540C/8082
PCB-1221	ND	350	ug/Kg	05/01/12		MH	3540C/8082
PCB-1232	ND	350	ug/Kg	05/01/12		MH	3540C/8082
PCB-1242	ND	350	ug/Kg	05/01/12		MH	3540C/8082
PCB-1248	ND	350	ug/Kg	05/01/12		MH	3540C/8082
PCB-1254	350	350	ug/Kg	05/01/12		MH	3540C/8082
PCB-1260	ND	350	ug/Kg	05/01/12		MH	3540C/8082
PCB-1262	ND	350	ug/Kg	05/01/12		MH	3540C/8082
PCB-1268	ND	350	ug/Kg	05/01/12		MH	3540C/8082
OA/QC Surrogates							
% DCBP	72		%	05/01/12		MH	30 - 150 %
% TCMX	78		%	05/01/12		MH	30 - 150 %

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Client ID: 3E 5-6

Parameter Result RL Units Date Time By Reference

Comments:

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but contains a distribution in the C9 to C36 range. The sample was quantitated against a C9-C36 standard.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis/Shiller, Laboratory Director

June 19, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

June 19, 2012

FOR: Attn: Mr. Mike Susca

Leggette, Brashears & Graham

6 Executive Drive Farmington CT 06030

Sample Information

Matrix: **SOLID Location Code:**

LBG-FARM Standard

Rush Request:

P.O.#:

Custody Information

Collected by: Received by:

SW

04/26/12 04/27/12

Date

14:24

14:34

Time

Analyzed by: see "By" below

Laboratory Data

SDG ID: GBB78079

Phoenix ID: BB78094

DELL Project ID: 3E 6-7 Client ID:

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	91		%	05/10/12		JL	E160.3
Extraction for PCB	Completed			05/12/12		MQ/D	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	360	ug/Kg	05/15/12		МН	3540C/8082
PCB-1221	ND	360	ug/Kg	05/15/12		MH	3540C/8082
PCB-1232	ND	360	ug/Kg	05/15/12		MH	3540C/8082
PCB-1242	ND	360	ug/Kg	05/15/12		MH	3540C/8082
PCB-1248	ND	360	ug/Kg	05/15/12		MH	3540C/8082
PCB-1254	ND	360	ug/Kg	05/15/12		MH	3540C/8082
PCB-1260	ND	360	ug/Kg	05/15/12		MH	3540C/8082
PCB-1262	ND	360	ug/Kg	05/15/12		MH	3540C/8082
PCB-1268	ND	360	ug/Kg	05/15/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	110		%	05/15/12		MH	30 - 150 %
% TCMX	95		%	05/15/12		MH	30 - 150 %

Page 30 of 41 Ver 4

Client ID: 3E 6-7

Parameter Result RL Units Date Time By Reference

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

All soils and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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Phyllis/Shiller, Laboratory Director

June 19, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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Analysis Report

June 19, 2012

FOR: Attn: Mr. Mike Susca

Leggette, Brashears & Graham

6 Executive Drive Farmington CT 06030

Sample Information

Matrix: **SOLID**

Location Code: LBG-FARM Standard

Rush Request:

P.O.#:

Custody Information

Collected by:

Analyzed by:

Received by:

SW

see "By" below

04/26/12

Date

14:25

04/27/12

14:34

Time

Laboratory Data

SDG ID: GBB78079 Phoenix ID: BB78095

DELL Project ID: 3E 7-8 Client ID:

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	91		%	04/30/12		JL	E160.3
Soxhlet Extraction for PCB	Completed			04/27/12		*/*	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	350	ug/Kg	05/01/12		МН	3540C/8082
PCB-1221	ND	350	ug/Kg	05/01/12		MH	3540C/8082
PCB-1232	ND	350	ug/Kg	05/01/12		MH	3540C/8082
PCB-1242	ND	350	ug/Kg	05/01/12		MH	3540C/8082
PCB-1248	ND	350	ug/Kg	05/01/12		MH	3540C/8082
PCB-1254	ND	350	ug/Kg	05/01/12		MH	3540C/8082
PCB-1260	ND	350	ug/Kg	05/01/12		MH	3540C/8082
PCB-1262	ND	350	ug/Kg	05/01/12		MH	3540C/8082
PCB-1268	ND	350	ug/Kg	05/01/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	104		%	05/01/12		MH	30 - 150 %
% TCMX	90		%	05/01/12		MH	30 - 150 %

Page 32 of 41 Ver 4

Client ID: 3E 7-8

Parameter Result RL Units Date Time By Reference

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

All soils and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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Phyllis/Shiller, Laboratory Director

June 19, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

June 19, 2012

FOR: Attn: Mr. Mike Susca

Leggette, Brashears & Graham

6 Executive Drive Farmington CT 06030

Sample InformationCustody InformationDateTimeMatrix:SOLIDCollected by:04/26/1214:31Location Code:LBG-FARMReceived by:SW04/27/1214:34

Location Code: LBG-FARM Received by: SW

Rush Request: Standard Analyzed by: see "By" below

Rush Request: Standard Analyzed by: see "By" below P.O.#:

<u>Laboratory Data</u> SDG ID: GBB78079

Phoenix ID: BB78096

Project ID: DELL
Client ID: 4E 4-5

Parameter	Result	RL	Units	Date	Time	Ву	Reference			
Percent Solid	91		%	05/10/12		JL	E160.3			
Extraction of CT ETPH	Completed			05/10/12		BS/F	3545			
Extraction for PCB	Completed			05/12/12		MQ/XD	SW3540C			
SPLP ETPH Extraction	Completed			06/07/12		F/D	SW 3510/3520			
SPLP Extraction for Organics	Completed			06/06/12		X	EPA1312			
TPH by GC (Extractable Products)										
Ext. Petroleum HC	5000	110	mg/Kg	05/15/12		JRB	CT ETPH/8015			
Identification	**		mg/Kg	05/15/12		JRB	CT ETPH/8015			
OA/QC Surrogates										
% n-Pentacosane	Diluted Out		%	05/15/12		JRB	50 - 150 %			
PCB (Soxhlet)										
PCB-1016	ND	360	ug/Kg	05/16/12		MH	3540C/8082			
PCB-1221	ND	360	ug/Kg	05/16/12		MH	3540C/8082			
PCB-1232	ND	360	ug/Kg	05/16/12		MH	3540C/8082			
PCB-1242	ND	360	ug/Kg	05/16/12		MH	3540C/8082			
PCB-1248	ND	360	ug/Kg	05/16/12		MH	3540C/8082			
PCB-1254	1000	360	ug/Kg	05/16/12		MH	3540C/8082			
PCB-1260	ND	360	ug/Kg	05/16/12		MH	3540C/8082			
PCB-1262	ND	360	ug/Kg	05/16/12		MH	3540C/8082			
PCB-1268	ND	360	ug/Kg	05/16/12		MH	3540C/8082			
OA/OC Surrogates										
% DCBP	101		%	05/16/12		MH	30 - 150 %			
% TCMX	108		%	05/16/12		MH	30 - 150 %			
SPLP TPH by GC (Ext. Produ	icts)									
Ext. Petroleum HC	ND	0.1	mg/L	06/08/12		JRB	CT ETPH			
Identification	ND		mg/L	06/08/12		JRB	CT ETPH			

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Client ID: 4E 4-5

Parameter	Result	RL	Units	Date	Time	Ву	Reference	
OA/OC Surrogates % n-Pentacosane	45		%	06/08/12		JRB	50 - 150 %	3

^{3 =} This parameter exceeds laboratory specified limits.

Comments:

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but contains a distribution in the C9 to C36 range. The sample was quantitated against a C9-C36 standard.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

All soils and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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Phyllis/Shiller, Laboratory Director

June 19, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

June 19, 2012

FOR: Attn: Mr. Mike Susca

Leggette, Brashears & Graham

6 Executive Drive Farmington CT 06030

Sample Information

Matrix: **SOLID**

Location Code: LBG-FARM

Rush Request: Standard

P.O.#:

Custody Information Collected by:

Received by:

Analyzed by:

04/26/12

Date

14:39

Time

SW

see "By" below

04/27/12

14:34

Laboratory Data

SDG ID: GBB78079

Phoenix ID: BB78097

DELL Project ID: 4E 5-6 Client ID:

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid Extraction of CT ETPH Sowhlat Extraction for DCR	89 Completed Completed		%	04/30/12 05/18/12 04/27/12		JL SS/F */*	E160.3 3545 SW3540C
Soxhlet Extraction for PCB	·			04/2//12		,	31135400
TPH by GC (Extractable Pr	<u>roducts)</u>						
Ext. Petroleum HC	420	22	mg/Kg	05/21/12		JRB	CT ETPH/8015
Identification	**		mg/Kg	05/21/12		JRB	CT ETPH/8015
QA/QC Surrogates							
% n-Pentacosane	54		%	05/21/12		JRB	50 - 150 %
PCB (Soxhlet)							
PCB-1016	ND	360	ug/Kg	05/01/12		МН	3540C/8082
PCB-1221	ND	360	ug/Kg	05/01/12		MH	3540C/8082
PCB-1232	ND	360	ug/Kg	05/01/12		MH	3540C/8082
PCB-1242	ND	360	ug/Kg	05/01/12		MH	3540C/8082
PCB-1248	ND	360	ug/Kg	05/01/12		MH	3540C/8082
PCB-1254	ND	360	ug/Kg	05/01/12		MH	3540C/8082
PCB-1260	ND	360	ug/Kg	05/01/12		MH	3540C/8082
PCB-1262	ND	360	ug/Kg	05/01/12		MH	3540C/8082
PCB-1268	ND	360	ug/Kg	05/01/12		MH	3540C/8082
OA/OC Surrogates							
% DCBP	96		%	05/01/12		MH	30 - 150 %
% TCMX	84		%	05/01/12		MH	30 - 150 %

Page 36 of 41 Ver 4 Project ID: DELL Phoenix I.D.: BB78097

Client ID: 4E 5-6

Parameter Result RL Units Date Time By Reference

Comments:

**Petroleum hydrocarbon chromatogram was not a perfect match with any of the standards, but contains a distribution in the C9 to C36 range. The sample was quantitated against a C9-C36 standard.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

All soils and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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Phyllis/Shiller, Laboratory Director

June 19, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

June 19, 2012

FOR: Attn: Mr. Mike Susca

Leggette, Brashears & Graham

6 Executive Drive Farmington CT 06030

Sample Information

SOLID

Location Code: LBG-FARM

Rush Request: Standard

P.O.#:

Matrix:

Custody Information

Received by:

Analyzed by:

Collected by:

SW

04/26/12

Date

14:40

04/27/12

14:34

Time

see "By" below

Laboratory Data

SDG ID: GBB78079

Phoenix ID: BB78098

DELL Project ID: 4E 6-7 Client ID:

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid Extraction for PCB	91 Completed		%	05/10/12 05/12/12		JL MQ/XD	E160.3 SW3540C
PCB (Soxhlet)							
PCB-1016	ND	360	ug/Kg	05/15/12		МН	3540C/8082
PCB-1221	ND	360	ug/Kg	05/15/12		MH	3540C/8082
PCB-1232	ND	360	ug/Kg	05/15/12		MH	3540C/8082
PCB-1242	ND	360	ug/Kg	05/15/12		MH	3540C/8082
PCB-1248	ND	360	ug/Kg	05/15/12		MH	3540C/8082
PCB-1254	ND	360	ug/Kg	05/15/12		MH	3540C/8082
PCB-1260	ND	360	ug/Kg	05/15/12		MH	3540C/8082
PCB-1262	ND	360	ug/Kg	05/15/12		MH	3540C/8082
PCB-1268	ND	360	ug/Kg	05/15/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	94		%	05/15/12		MH	30 - 150 %
% TCMX	90		%	05/15/12		MH	30 - 150 %

Page 38 of 41 Ver 4 Project ID: DELL Phoenix I.D.: BB78098

Client ID: 4E 6-7

Parameter Result RL Units Date Time By Reference

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

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Phyllis/Shiller, Laboratory Director

June 19, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

June 19, 2012

FOR: Attn: Mr. Mike Susca

Leggette, Brashears & Graham

6 Executive Drive Farmington CT 06030

Sample Information

SOLID

Location Code: LBG-FARM

Rush Request: Standard

P.O.#:

Matrix:

Custody Information
Collected by:

Received by:

SW

<u>Date</u> 04/26/12

14:41

04/27/12

14:34

Time

Analyzed by: see "By" below

Laboratory Data

SDG ID: GBB78079

Phoenix ID: BB78099

Project ID: DELL
Client ID: 4E 7-8

Parameter	Result	RL	Units	Date	Time	Ву	Reference
Percent Solid	90		%	04/30/12		JL	E160.3
Soxhlet Extraction for PCB	Completed			04/27/12		*/*	SW3540C
PCB (Soxhlet)							
PCB-1016	ND	350	ug/Kg	05/01/12		МН	3540C/8082
PCB-1221	ND	350	ug/Kg	05/01/12		MH	3540C/8082
PCB-1232	ND	350	ug/Kg	05/01/12		MH	3540C/8082
PCB-1242	ND	350	ug/Kg	05/01/12		MH	3540C/8082
PCB-1248	ND	350	ug/Kg	05/01/12		MH	3540C/8082
PCB-1254	ND	350	ug/Kg	05/01/12		MH	3540C/8082
PCB-1260	ND	350	ug/Kg	05/01/12		MH	3540C/8082
PCB-1262	ND	350	ug/Kg	05/01/12		MH	3540C/8082
PCB-1268	ND	350	ug/Kg	05/01/12		MH	3540C/8082
QA/QC Surrogates							
% DCBP	94		%	05/01/12		MH	30 - 150 %
% TCMX	80		%	05/01/12		MH	30 - 150 %

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Project ID: DELL Phoenix I.D.: BB78099

Client ID: 4E 7-8

Parameter Result RL Units Date Time By Reference

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

ND=Not detected BDL=Below Detection Level RL=Reporting Level

All soils and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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Phyllis/Shiller, Laboratory Director

June 19, 2012

Reviewed and Released by: Greg Lawrence, Assistant Lab Director

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587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045 Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

June 19, 2012

% DCBP (Surrogate Rec)

% TCMX (Surrogate Rec)

94

95

QA/QC Data

SDG I.D.: GBB78079 % % LCS LCSD LCS MS MSD MS Rec **RPD** Rlank **RPD RPD** Limits Limits % % Parameter % % QA/QC Batch 202149, QC Sample No: BB76687 (BB78081, BB78088) Polychlorinated Biphenyls - Solid PCB-1016 91 85 6.8 107 104 2.8 30 40 - 140 PCB-1221 ND 40 - 140 30 ND PCB-1232 40 - 140 30 PCB-1242 ND 40 - 140 30 PCB-1248 ND 40 - 140 30 PCB-1254 ND 40 - 140 30 92 102 PCB-1260 ND 98 6.3 106 3.8 40 - 140 30 PCB-1262 ND 40 - 140 30 ND PCB-1268 40 - 140 30 % DCBP (Surrogate Rec) 89 83 88 5.8 81 85 4.8 30 - 150 30 73 77 % TCMX (Surrogate Rec) 86 5.3 69 69 0.0 30 - 150 30 QA/QC Batch 199536, QC Sample No: BB78064 (BB78080, BB78082, BB78084, BB78085, BB78086, BB78089, BB78091) Polychlorinated Biphenyls - Solid PCB-1016 102 105 2.9 40 - 140 30 PCB-1221 ND 40 - 140 30 PCB-1232 ND 40 - 140 30 PCB-1242 ND 40 - 140 30 PCB-1248 ND 40 - 140 30 PCB-1254 ND 40 - 140 30 PCB-1260 ND 109 111 1.8 40 - 140 30 PCB-1262 ND 40 - 140 30 PCB-1268 ND 30 40 - 140 % DCBP (Surrogate Rec) 97 96 105 9.0 30 - 150 30 % TCMX (Surrogate Rec) 86 85 93 9.0 30 - 150 30 * The batch MS and MSD recoveries could not be calculated due to the presence of PCB in the unspiked sample. LCS/LCSD recoveries were within QA/QC limits. QA/QC Batch 200580, QC Sample No: BB78072 (BB78079, BB78083) Polychlorinated Biphenyls - Solid PCB-1016 ND 115 120 4.3 119 125 4.9 40 - 140 30 ND PCB-1221 40 - 140 30 PCB-1232 ND 40 - 140 30 PCB-1242 ND 40 - 140 30 PCB-1248 ND 40 - 140 30 ND PCB-1254 40 - 140 30 PCB-1260 ND 104 112 7.4 128 139 8.2 40 - 140 30 PCB-1262 ND 40 - 140 30 PCB-1268 ND 40 - 140 30

86

90

83

85

3.6

5.7

88

91

90

90

2.2

1.1

30 - 150

30 - 150

30

30

QA/QC Data

SDG I.D.: GBB78079

40 - 140

30 - 150

30 - 150

30

30

30

% % RPD LCS LCSD LCS MS MSD MS Rec Blank % **RPD** RPD Limits Limits Parameter QA/QC Batch 200456, QC Sample No: BB78083 (BB78082, BB78083, BB78088, BB78089, BB78092, BB78093, BB78096) TPH by GC (Extractable Products) - Solid Ext. Petroleum HC 81 82 1.2 106 76 33.0 50 - 150 30 % n-Pentacosane 52 95 95 0.0 132 99 28.6 50 - 150 30 QA/QC Batch 200591, QC Sample No: BB78090 (BB78090, BB78092, BB78094) Polychlorinated Biphenyls - Solid PCB-1016 117 28.3 40 - 140 30 PCB-1221 ND 40 - 140 30 PCB-1232 ND 40 - 140 30 PCB-1242 ND 40 - 140 30 PCB-1248 ND 40 - 140 30 PCB-1254 ND 40 - 140 30 PCB-1260 ND 113 81 33.0 40 - 140 30 PCB-1262 ND 40 - 140 30 PCB-1268 ND 40 - 140 30 % DCBP (Surrogate Rec) 80 92 76 19.0 30 - 150 30 % TCMX (Surrogate Rec) 80 83 71 15.6 30 - 150 30 Comment: The batch MS and MSD recoveries could not be calculated due to the presence of PCB in the unspiked sample. LCS/LCSD recoveries were within QA/QC limits. QA/QC Batch 200588, QC Sample No: BB78096 (BB78096, BB78098) Polychlorinated Biphenyls - Solid PCB-1016 ND 106 117 9.9 40 - 140 30 ND PCB-1221 40 - 140 30 PCB-1232 ND 40 - 140 30 PCB-1242 ND 40 - 140 30 ND PCB-1248 40 - 140 30 PCB-1254 ND 40 - 140 30 PCB-1260 ND 104 102 1.9 40 - 140 30 PCB-1262 ND 40 - 140 30 PCB-1268 ND 30 40 - 140 % DCBP (Surrogate Rec) 96 87 89 2.3 30 - 150 30 % TCMX (Surrogate Rec) 98 85 88 3.5 30 - 150 30 Comment: The batch MS and MSD recoveries could not be calculated due to the presence of PCB in the unspiked sample. LCS/LCSD recoveries were within OA/OC limits QA/QC Batch 199537, QC Sample No: BB78097 (BB78093, BB78095, BB78097, BB78099) Polychlorinated Biphenyls - Solid PCB-1016 ND 84 89 5.8 79 87 9.6 40 - 140 30 PCB-1221 ND 40 - 140 30 PCB-1232 ND 40 - 140 30 PCB-1242 ND 40 - 140 30 PCB-1248 ND 40 - 140 30 PCB-1254 ND 40 - 140 30 79 PCB-1260 ND 84 6.1 126 106 17.2 40 - 140 30 ND PCB-1262 40 - 140 30

80

66

91

72

12.9

8.7

68

70

64

58

6.1

18.8

ND

101

82

PCB-1268

% DCBP (Surrogate Rec)

% TCMX (Surrogate Rec)

QA/QC Data

% % **RPD** LCS LCSD LCS MS MSD MS Rec Blank % **RPD** % % **RPD** Limits Limits % Parameter QA/QC Batch 200363, QC Sample No: BB84020 (BB78081) TPH by GC (Extractable Products) - Solid Ext. Petroleum HC 79 19.4 50 - 150 30 65 % n-Pentacosane 103 96 109 12.7 50 - 150 30 Comment: *The MS/MSD could not be reported due to the presence of ETPH in the original sample. The LCS was within QA/QC criteria. QA/QC Batch 201013, QC Sample No: BB87875 (BB78097) TPH by GC (Extractable Products) - Solid Ext. Petroleum HC ND 76 67 107 33.9 50 - 150 30 % n-Pentacosane 84 79 90 128 34.9 50 - 150 30 QA/QC Batch 202249, QC Sample No: BB94901 (BB78081, BB78096) TPH by GC (Extractable Products) Ext. Petroleum HC ND 104 20 107 2.8 50 - 150 % n-Pentacosane 93 109 99 9.6 50 - 150 20 Comment: The MS/MSD could not be reported due to the presence of ETPH in the original sample. The LCS/LCSD met method criteria. QA/QC Batch 202534, QC Sample No: BB96559 (BB78088) TPH by GC (Extractable Products) Ext. Petroleum HC 116 116 0.0 50 - 150 20 100 % n-Pentacosane 143 136 5.0 50 - 150 20 Comment:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

RPD - Relative Percent Difference

LCS - Laboratory Control Sample

LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria

Intf - Interference

Phyllis/Shiller, Laboratory Director

SDG I.D.: GBB78079

June 19, 2012

r = This parameter is outside laboratory rpd specified recovery limits.

Tuesday, June 19, 2012

Sample Criteria Exceedences Report

Requested Criteria: GAM, GBM, RC

Requeste	d Chlena. GA	IVI, GDIVI, KC				GBB78079					Factored	
SampNo	LocCode	Acode	Phoenix Analyte	Criteria Units	ST	State Category	Criteria Name	Result	RL	Factored Criteria	RL Criteria	Analysis Units
BB78081	LBG-FARM	\$ETPH_SMR	Ext. Petroleum HC	mg/kg	СТ	Pesticides, Pcb's, Tph, A	GA/GAA PMC (mg/kg)	4900	110	500	500	mg/Kg
BB78081	LBG-FARM	\$ETPH_SMR	Ext. Petroleum HC	mg/kg	CT	Pesticides, Pcb's, Tph, A	GB PMC (mg/kg)	4900	110	2500	2500	mg/Kg
BB78081	LBG-FARM	\$ETPH_SMR	Ext. Petroleum HC	mg/kg	CT	Pesticides, Pcb's, Tph, A	RES DEC (mg/kg)	4900	110	500	500	mg/Kg
DD70000	LDO EADM	¢ETDII CMD	Fut Datuslavias IIO		ОТ	Destinidas Deble Tels A	CA/CAA DMC (*****/!***)	4700	220	500	500	
BB78082	LBG-FARM	\$ETPH_SMR	Ext. Petroleum HC	mg/kg	CT	Pesticides, Pcb's, Tph, A	GA/GAA PMC (mg/kg)	4700	220	500	500	mg/Kg
BB78082	LBG-FARM	\$ETPH_SMR	Ext. Petroleum HC	mg/kg	CT	Pesticides, Pcb's, Tph, A	GB PMC (mg/kg)	4700	220	2500	2500	mg/Kg
BB78082	LBG-FARM	\$ETPH_SMR	Ext. Petroleum HC	mg/kg	СТ	Pesticides, Pcb's, Tph, A	RES DEC (mg/kg)	4700	220	500	500	mg/Kg
BB78088	LBG-FARM	\$ETPH_SMR	Ext. Petroleum HC	mg/kg	СТ	Pesticides, Pcb's, Tph, A	GA/GAA PMC (mg/kg)	14000	540	500	500	mg/Kg
BB78088	LBG-FARM	\$ETPH_SMR	Ext. Petroleum HC	mg/kg	СТ	Pesticides, Pcb's, Tph, A	GB PMC (mg/kg)	14000	540	2500	2500	mg/Kg
BB78088	LBG-FARM	\$ETPH_SMR	Ext. Petroleum HC	mg/kg	СТ	Pesticides, Pcb's, Tph, A	RES DEC (mg/kg)	14000	540	500	500	mg/Kg
BB78088	LBG-FARM	\$PCB_SOXR	PCB-1254	mg/kg	СТ	Pesticides, Pcb's, Tph, A	RES DEC (mg/kg)	1400	360	1000	1000	ug/Kg
BB78089	LBG-FARM	\$ETPH_SMR	Ext. Petroleum HC	mg/kg	CT	Pesticides, Pcb's, Tph, A	GA/GAA PMC (mg/kg)	2600	56	500	500	mg/Kg
BB78089	LBG-FARM	\$ETPH_SMR	Ext. Petroleum HC	mg/kg	CT	Pesticides, Pcb's, Tph, A	GB PMC (mg/kg)	2600	56	2500	2500	mg/Kg
BB78089	LBG-FARM	\$ETPH_SMR	Ext. Petroleum HC	mg/kg	CT	Pesticides, Pcb's, Tph, A	RES DEC (mg/kg)	2600	56	500	500	mg/Kg
DD70000	LDC EADM	¢ETDII CMD	Fut Datroloum LIC		СТ	Destinides Deble Tab A		1200	24	F00	F00	
BB78092	LBG-FARM	\$ETPH_SMR	Ext. Petroleum HC	mg/kg	CT	Pesticides, Pcb's, Tph, A	GA/GAA PMC (mg/kg)	1200	21	500	500	mg/Kg
BB78092	LBG-FARM	\$ETPH_SMR	Ext. Petroleum HC	mg/kg	СТ	Pesticides, Pcb's, Tph, A	RES DEC (mg/kg)	1200	21	500	500	mg/Kg
BB78093	LBG-FARM	\$ETPH_SMR	Ext. Petroleum HC	mg/kg	СТ	Pesticides, Pcb's, Tph, A	GA/GAA PMC (mg/kg)	1300	22	500	500	mg/Kg
BB78093	LBG-FARM	\$ETPH_SMR	Ext. Petroleum HC	mg/kg	СТ	Pesticides, Pcb's, Tph, A	RES DEC (mg/kg)	1300	22	500	500	mg/Kg
BB78096	LBG-FARM	\$ETPH_SMR	Ext. Petroleum HC	mg/kg	СТ	Pesticides, Pcb's, Tph, A	GA/GAA PMC (mg/kg)	5000	110	500	500	mg/Kg
BB78096	LBG-FARM	\$ETPH_SMR	Ext. Petroleum HC	mg/kg	СТ	Pesticides, Pcb's, Tph, A	GB PMC (mg/kg)	5000	110	2500	2500	mg/Kg
BB78096	LBG-FARM	\$ETPH_SMR	Ext. Petroleum HC	mg/kg	CT	Pesticides, Pcb's, Tph, A	RES DEC (mg/kg)	5000	110	500	500	mg/Kg

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

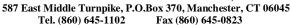
Page 1 of 1

Reasonable Confidence Protocol Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. Client: LBG-FARM Project Location: DELL **Project Number:** Laboratory Sample ID(s): BB78079, BB78080, BB78081, BB78082, BB78083, BB78084, BB78085, BB78086, BB78087, BB78088, BB78089, BB78090, BB78091, BB78092, BB78093, BB78094, BB78095, BB78096, BB78097, BB78098, BB78099 **Sampling Date(s):** 4/26/2012 **RCP Methods Used: ✓** 1311/1312 6010 7000 7196 ☐ EPH ☐ TO15 7470/7471 ✔ 8082 8270 **✓** ETPH 9010/9012 ☐ VPH 8260 8151 For each analytical method referenced in this laboratory report package, were all ✓ Yes □ No specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP methodspecific Reasonable Confidence Protocol documents? Were the method specified preservation and holding time requirements met? 1a. ✓ Yes □ No EPH and VPH methods only: Was the VPH or EPH method conducted without 1b. ☐ Yes ☐ No **✓** NA significant modifications (see section 11.3 of respective RCP methods) 2. Were all samples received by the laboratory in a condition consistent with that ✓ Yes No described on the associated Chain-of-Custody document(s)? Were samples received at an appropriate temperature (< 6 Degrees C)? 3. ✓ Yes □ No \square NA Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol 4. ✓ Yes □ No documents achieved? Were reporting limits specified or referenced on the chain-of-custody? 5a. ✓ Yes □ No Were these reporting limits met? 5b. ✓ Yes □ No \square NA For each analytical method referenced in this laboratory report package, were results 6. ✓ Yes □ No \square NA reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents? Are project-specific matrix spikes and laboratory duplicates included in the data set? ✓ Yes □ No \square NA Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence". I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowlegde and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. Date: Tuesday, June 19, 2012 Malaylor Authorized Printed Name: Maryam Taylor Signature:

Position: Project Manager







RCP Certification Report

June 19, 2012

SDG I.D.: GBB78079

ETPH Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: Au-fid1 05/15/12-1 (BB78081, BB78096)

Initial Calibration (FID1 - ETPH_1) - The initial calibration curve was within method criteria and had a %RSD less than 30%.

The daily continuing calibration standard was within method criteria of +/- 30% RSD.

As per section 7.2.3, a discrimination check standard was run and contained the following outliers: None

Printed Name Jeff Bucko **Position:** Chemist **Date:** 5/15/2012

Instrument: <u>Au-fid1 06/08/12-1 (BB78081)</u>

Initial Calibration (FID1 - ETPH_1) - The initial calibration curve was within method criteria and had a %RSD less than 30%.

The daily continuing calibration standard was within method criteria of \pm 30% RSD.

As per section 7.2.3, a discrimination check standard was run and contained the following outliers: None

Printed Name Jeff Bucko **Position:** Chemist **Date:** 6/8/2012

Instrument: Au-fid1 06/08/12-2 (BB78096)

 $Initial\ Calibration\ (FID1-ETPH_1)-The\ initial\ calibration\ curve\ was\ within\ method\ criteria\ and\ had\ a\ \%RSD\ less\ than\ 30\%.$

The daily continuing calibration standard was within method criteria of +/- 30% RSD.

As per section 7.2.3, a discrimination check standard was run and contained the following outliers: None

Printed Name Jeff Bucko **Position:** Chemist **Date:** 6/8/2012

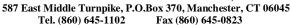
Instrument: Aufid3 05/15/12-1 (BB78089)

Initial Calibration (AU-FID3 - ETPH_1) - The initial calibration curve was within method criteria and had a %RSD less than 30%.

The daily continuing calibration standard was within method criteria of +/- 30% RSD.

As per section 7.2.3, a discrimination check standard was run and contained the following outliers: None







RCP Certification Report

June 19, 2012

SDG I.D.: GBB78079

Printed Name Jeff Bucko **Position:** Chemist **Date:** 5/15/2012

Instrument: Au-fid84 05/11/12-2 (BB78093)

Initial Calibration (FID84 - ETPH_13) - The initial calibration curve was within method criteria and had a %RSD less than 30%.

The daily continuing calibration standard was within method criteria of +/- 30% RSD.

As per section 7.2.3, a discrimination check standard was run and contained the following outliers: C36

Printed Name Jeff Bucko **Position:** Chemist **Date:** 5/11/2012

Instrument: <u>Au-fid84 05/15/12-1 (BB78082, BB78088, B</u>B78092)

Initial Calibration (FID84 - ETPH_13) - The initial calibration curve was within method criteria and had a %RSD less than 30%.

The daily continuing calibration standard was within method criteria of +/- 30% RSD.

As per section 7.2.3, a discrimination check standard was run and contained the following outliers: C36

Printed Name Jeff Bucko Position: Chemist Date: 5/15/2012

Instrument: Au-fid84 05/21/12-3 (BB78097)

Initial Calibration (FID84 - ETPH 13) - The initial calibration curve was within method criteria and had a %RSD less than 30%.

The daily continuing calibration standard was within method criteria of +/- 30% RSD.

As per section 7.2.3, a discrimination check standard was run and contained the following outliers: C36

Printed Name Jeff Bucko **Position:** Chemist **Date:** 5/21/2012

Instrument: <u>Au-fid84 06/15/12-1 (BB78088)</u>

Initial Calibration (FID84 - ETPH_13) - The initial calibration curve was within method criteria and had a %RSD less than 30%.

The daily continuing calibration standard was within method criteria of +/- 30% RSD.

As per section 7.2.3, a discrimination check standard was run and contained the following outliers: none



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RCP Certification Report

June 19, 2012

SDG I.D.: GBB78079

Printed Name Jeff Bucko **Position:** Chemist **Date:** 6/15/2012

Instrument: Au-xl1 05/11/12-2 (BB78083)

Initial Calibration (FIDXL1 ETPH_1) - The initial calibration curve was within method criteria and had a %RSD less than 30%.

The daily continuing calibration standard was within method criteria of +/- 30% RSD.

As per section 7.2.3, a discrimination check standard was run and contained the following outliers:C36

Printed Name Jeff Bucko **Position:** Chemist **Date:** 5/11/2012

QC Comments: QC Batch 00363 05/09/12 (BB78081)

*The MS/MSD could not be reported due to the presence of ETPH in the original sample. The LCS was within QA/QC criteria.

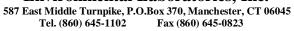
QC Comments: QC Batch 02249 06/07/12 (BB78081, BB78096)

The MS/MSD could not be reported due to the presence of ETPH in the original sample. The LCS/LCSD met method criteria.

QC Comments: QC Batch 02534 06/12/12 (BB78088)

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.







RCP Certification Report

June 19, 2012

SDG I.D.: GBB78079

QC (Site Specific) Sample No: BB78083, QA/QC Batch: 200456
All LCS recoveries were within 50 - 150 with the following exceptions: None.
All LCSD recoveries were within 50 - 150 with the following exceptions: None.
All LCS/LCSD RPDs were less than 30% with the following exceptions: None.
All MS recoveries were within 50 - 150 with the following exceptions: None.
All MSD recoveries were within 50 - 150 with the following exceptions: None.
All MS/MSD RPDs were less than 30% with the following exceptions: Ext. Petroleum HC(33.0%)
A matrix effect is suspected when a MS/MSD recovery is outside of criteria. No further action is required if LCS/LCSD compounds are within criteria. QC (Batch Specific)
All LCS recoveries were within 50 - 150 with the following exceptions: None.
All LCSD recoveries were within 50 - 150 with the following exceptions: None.
All LCS/LCSD RPDs were less than 30% with the following exceptions: None.
Sample No: BB87875, QA/QC Batch: 201013
All LCS recoveries were within 50 - 150 with the following exceptions: None.
Sample No: BB94901, QA/QC Batch: 202249
All LCS recoveries were within 50 - 150 with the following exceptions: None.
All LCSD recoveries were within 50 - 150 with the following exceptions: None.
All LCS/LCSD RPDs were less than 20% with the following exceptions: None.
Sample No: BB96559, QA/QC Batch: 202534
All LCS recoveries were within 50 - 150 with the following exceptions: None.
All LCSD recoveries were within 50 - 150 with the following exceptions: None.
All LCS/LCSD RPDs were less than 30% with the following exceptions: None.



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RCP Certification Report

June 19, 2012

SDG I.D.: GBB78079

PCB Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? Yes.

Instrument: <u>Au-ecd35 05/15/12-1 (BB78098)</u>

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Michael Hahn Position: Chemist Date: 5/15/2012

Instrument: <u>Au-ecd35 05/20/12-1 (BB78098)</u>

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Michael Hahn Position: Chemist Date: 5/20/2012

Instrument: Au-ecd35 05/21/12-1 (BB78098)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Michael Hahn Position: Chemist Date: 5/21/2012

Instrument: Au-ecd4 05/15/12-1 (BB78079)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none



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RCP Certification Report

June 19, 2012

SDG I.D.: GBB78079

Printed Name Michael Hahn Position: Chemist Date: 5/15/2012

Instrument: Au-ecd4 05/16/12-1 (BB78090)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Michael Hahn Position: Chemist Date: 5/16/2012

Instrument: <u>Au-ecd5 05/04/12-1 (BB78080)</u>

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Michael Hahn Position: Chemist Date: 5/4/2012

Instrument: Au-ecd5 05/15/12-1 (BB78094, BB78096)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Michael Hahn Position: Chemist Date: 5/15/2012

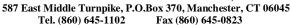
Instrument: Au-ecd5 06/06/12-1 (BB78081, BB78088)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none







RCP Certification Report

June 19, 2012

SDG I.D.: GBB78079

Printed Name Michael Hahn Position: Chemist Date: 6/6/2012

Instrument: Au-ecd6 05/01/12-1 (BB78080, BB78082, BB78084, BB78085, BB78089, BB78091,

BB78093, BB78095, BB78097, BB78099)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Michael Hahn Position: Chemist Date: 5/1/2012

Instrument: Au-ecd7 05/02/12-1 (BB78097)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Michael Hahn Position: Chemist Date: 5/2/2012

Instrument: Au-ecd8 05/08/12-1 (BB78086)

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Michael Hahn Position: Chemist 5/8/2012

Instrument: <u>Au-ecd8 05/15/12-1 (BB78083, BB78092)</u>

8082 Narration:

The initial calibration RSD for the compound list was less than 15% except for the following compounds: none





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RCP Certification Report

June 19, 2012

SDG I.D.: GBB78079

The continuing calibration standards were within acceptance criteria except for the following compounds: none

Printed Name Michael Hahn Position: Chemist Date: 5/15/2012

QC Comments: QC Batch 00588 05/12/12 (BB78096, BB78098)

The batch MS and MSD recoveries could not be calculated due to the presence of PCB in the unspiked sample. LCS/LCSD recoveries were within QA/QC limits.

QC Comments: QC Batch 00591 05/12/12 (BB78090, BB78092, BB78094)

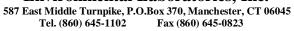
The batch MS and MSD recoveries could not be calculated due to the presence of PCB in the unspiked sample. LCS/LCSD recoveries were within OA/OC limits.

QC Batch 99536 04/30/12 (BB78080, BB78082, BB78084, BB78085, BB78086,

BB78089, BB78091)

The batch MS and MSD recoveries could not be calculated due to the presence of PCB in the unspiked sample. LCS/LCSD recoveries were within QA/QC limits.







RCP Certification Report

June 19, 2012

SDG I.D.: GBB78079

QC (Site Specific) Sample No: BB78090, QA/QC Batch: 200591
All LCS recoveries were within 40 - 140 with the following exceptions: None.
All LCSD recoveries were within 40 - 140 with the following exceptions: None.
All LCS/LCSD RPDs were less than 30% with the following exceptions: PCB-1260(33.0%)
Sample No: BB78096, QA/QC Batch: 200588
All LCS recoveries were within 40 - 140 with the following exceptions: None.
All LCSD recoveries were within 40 - 140 with the following exceptions: None.
All LCS/LCSD RPDs were less than 30% with the following exceptions: None.
Sample No: BB78097, QA/QC Batch: 199537
All LCS recoveries were within 40 - 140 with the following exceptions: None.
All LCSD recoveries were within 40 - 140 with the following exceptions: None.
All LCS/LCSD RPDs were less than 30% with the following exceptions: None.
All MS recoveries were within 40 - 140 with the following exceptions: None.
All MSD recoveries were within 40 - 140 with the following exceptions: None.
All MS/MSD RPDs were less than 30% with the following exceptions: None.
A matrix effect is suspected when a MS/MSD recovery is outside of criteria. No further action is required if LCS/LCSD compounds are within criteria. QC (Batch Specific)
All LCS recoveries were within 40 - 140 with the following exceptions: None.
All LCSD recoveries were within 40 - 140 with the following exceptions: None.
All LCS/LCSD RPDs were less than 30% with the following exceptions: None.
Sample No: BB78064, QA/QC Batch: 199536
All LCS recoveries were within 40 - 140 with the following exceptions: None.
All LCSD recoveries were within 40 - 140 with the following exceptions: None.
All LCS/LCSD RPDs were less than 30% with the following exceptions: None.



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RCP Certification Report

June 19, 2012

SDG I.D.: GBB78079

Sample No: BB78072, QA/QC Batch: 200580
All LCS recoveries were within 40 - 140 with the following exceptions: None.
All LCSD recoveries were within 40 - 140 with the following exceptions: None.
All LCS/LCSD RPDs were less than 30% with the following exceptions: None.

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PHOENIX Environmental Laboratories,	Leggette, Brashears & Graham, Inc. 6 Executive Drive Suite 109	Farmington, CT 06032	Client Sample - Information - Identification	WW=wastewater S=soil/solid SL=sludge A=air	Customer Sample Identification	76 6-7	SL 7L	- 43 - 45 - 0.5	Be on the	23-1-1	20 45	20 55	20 6-7	20 7-8	30 0.25-0.5	30 05-0-15	2-1 48	Accepted by:		SOUTH THE WAY		Comments, Special Requirements or Regulations: Diagonal fracts all held commiss. Hold commiss may be	sults.		
PHO Environmen	Customer: Le	LL {	Sampler's Signature	Matrix Code: DW=drinking water GW=groundwater	Phoenix Sample #	PC08C	75080				78081	78082	78083	13086	78085	9808C	18087	Relipquighed by			, , , , , , , , , , , , , , , , , , ,	Comments, Special r	pending initial results.		

Environmen Customer: Address: Sampler's Signature DW-drinking water GW-groundwater Phoenix Sample # 780 84 780 84 780 90 780 90	### Itte, Bi waste sludge sample sample of the standard of the	109	Date Date Sampled 4/26/2012 4/26/2012 4/26/2012 4/26/2012 4/26/2012 4/26/2012 4/26/2012	Sampled 1760 1401 1402 1404 1	East Middle Tum Email: info@pho Client So Client So Report to Invoice to Invoice to X X X X X X X X X X X X X X X X X X X	CHAIN OF CUSTO CHAIN OF CUSTO Bast Middle Tumpike, P.O. Box Email: info@phoenixlabs.com Client Services (8 Project: DELL Report to: Mike Sull Nuoice to: Mike Sull Nuoice to: Mike Sull Sequest Analysis Request X X X X X X	Y RECORD 0, Manchester, CT 0 8, LBG a, LBG a, LBG		Project Project Fax #:		10000 1000 1000 1000 1000 1000 1000 10
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						eric e				Other	

Bobbi - Phoenixlabs

From: David D'Onofrio [ddonofrio@LBGCT.com]

Sent: Thursday, May 10, 2012 11:46 AM

To: 'bobbi@phoenixlabs.com'

Cc: Michael Susca

Subject: Request for additional analyses

Bobbi.

Please run additional analyses on the Dell samples as noted in the table below.

Phoenix Id	Sample ID	Sample Depth (ft bg)	PCBs	СТЕТРН
BB76664	I۸	4-5	X	X
BB76665		5-6		X
BB76670		10-11	X	
BB76671		11-12	X	
BB76672		12-13	X	
BB76678	2A	4-5		X
BB76679		5-6		Х
BB78037	2C	1-2	X	
BB78038		4-5	X	X
BB78039		5-6		X
BB78040		6-7	X	
BB78052	3C	4-5	X	
BB78054		6-7	X	
BB78056		8-9	X	
BB78058		10-11	X	
BB78060		12-13	X	
BB78065	4C	6-7	X	
BB78069	6C	1-2	Х	
BB78070		4-5	X	
BB78072		6-7	X	
BB78079	7C	6-7	X	
BB78081	2D	4-5		X
BB78082		5-6		X
BB78083		6-7	X	X
BB78088	3D	4-5		X
BB78089		5-6		X
BB78090		6-7	X	
BB78103	4D	4-5	X	X
BB78104		5-6		X
BB78105		6-7	X	
₩BB78092	3E	4-5	X	X
BB78093		5-6		X
BB78094		6-7	X	
BB78096	4E	4-5	X	X
BB78097		5-6		X
BB78098		6-7	X	

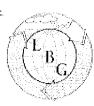
Please feel free to contact me if you have any questions regarding this request.

Thanks, Dave

DAVID J. D'ONOFRIO

Senior Hydrogeologist Leggette: Brashears & Graham, Inc. 6 Executive Drive Svite 109 Farmington, CT 06082

dsonofria@libget.com (850) 678-0404 x 360 Office (850) 678-0505 Fax (203) 767-7573 Cs : www.libgweb.com



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7(de6)

Bobbi - Phoenixlabs

David D'Onofrio [ddonofrio@LBGCT.com]

Sent: Friday, May 18, 2012 2:36 PM

To: 'Bobbi - Phoenixlabs'

Cc: Michael Susca

Subject: RE: Request for additional analyses

Bobbi.

From:

Please disregard my previous email and instead use the revised table below.

Phoenix Id	Sample ID	Sample Depth (ft bg)	PCBs	СТЕТРН
BB76670	1A	10-11		X
BB76671		11-12		X
BB76672		12-13		X
BB76681	2A	7-8		X
BB76683		9-10		X
BB78042	2C	8-9	X	X
BB78044		10-11	X	X
REG	QUESTED	- RESULTS STI	LL PEND	ING
BB78097	4E	5-6		X

Thanks, Dave

From: Bobbi - Phoenixlabs [mailto:bobbi@phoenixlabs.com]

Sent: Friday, May 18, 2012 2:12 PM

To: David D'Onofrio **Cc:** Michael Susca

Subject: RE: Request for additional analyses

Sure thing, have a great weekend

Bobbi

Bobbi Aloisa Vice President Director of Client Services Phoenix Environmental Laboratories 587 East Middle Turnpike Manchester, CT 06040

Ph: 860-645-8728

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